

Certificate of Analysis

Date of Testing: 2023-07-11 12:15:03

Date of Next Testing: 2027-07-10 12:15:03

Product Name: **Tetrazolium Red**

CAS Number: 298-96-4

Specifications & Purity: 98%

Lot #: G23041111

SKU #: **T109275**

Analysis: **232196**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Absorbance (243.0 - 247.0 nm) (10 mg/L,)(As dry base)	≥0.7	0.77
Purity(HPLC)	98-100 (%)	98.14300 %
Water by Karl Fischer	0-5 (%)	3.25 %
Appearance (T109275)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
Solubility in H ₂ O , Faint Yellow to Yellow, Very Slightly Hazy, 50 mg/mL	pass	Pass
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager